

FIG. 1A



FIG. 1B

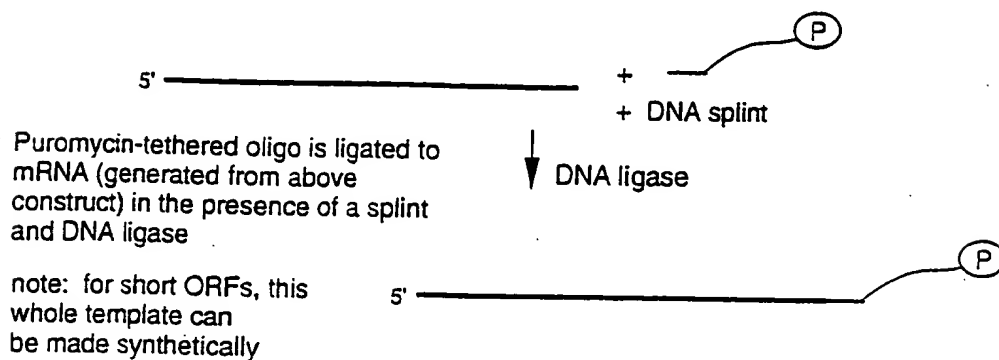
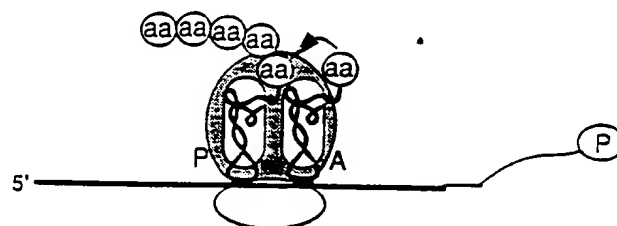
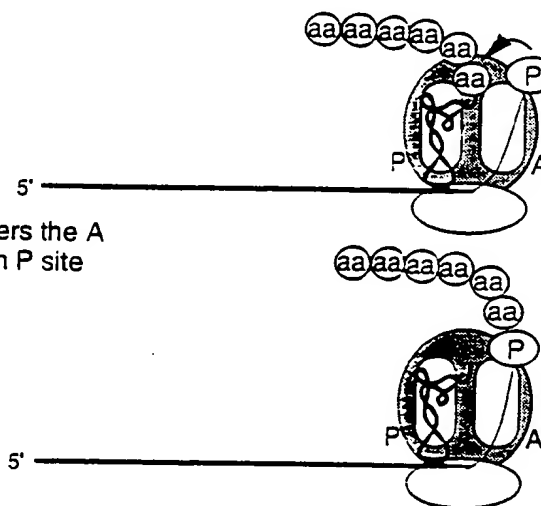


FIG. 1C

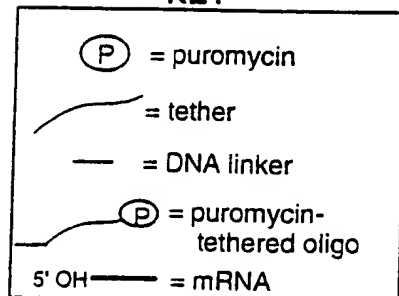


in vitro translation proceeds normally from the 5' to the 3' end of the mRNA



covalently linked puromycin enters the A site and attacks peptidyl tRNA in P site

KEY



Release of RNA-protein fusion with high salt wash of Ribosome



Figure 2. Generalized Protocol for Selection Experiments

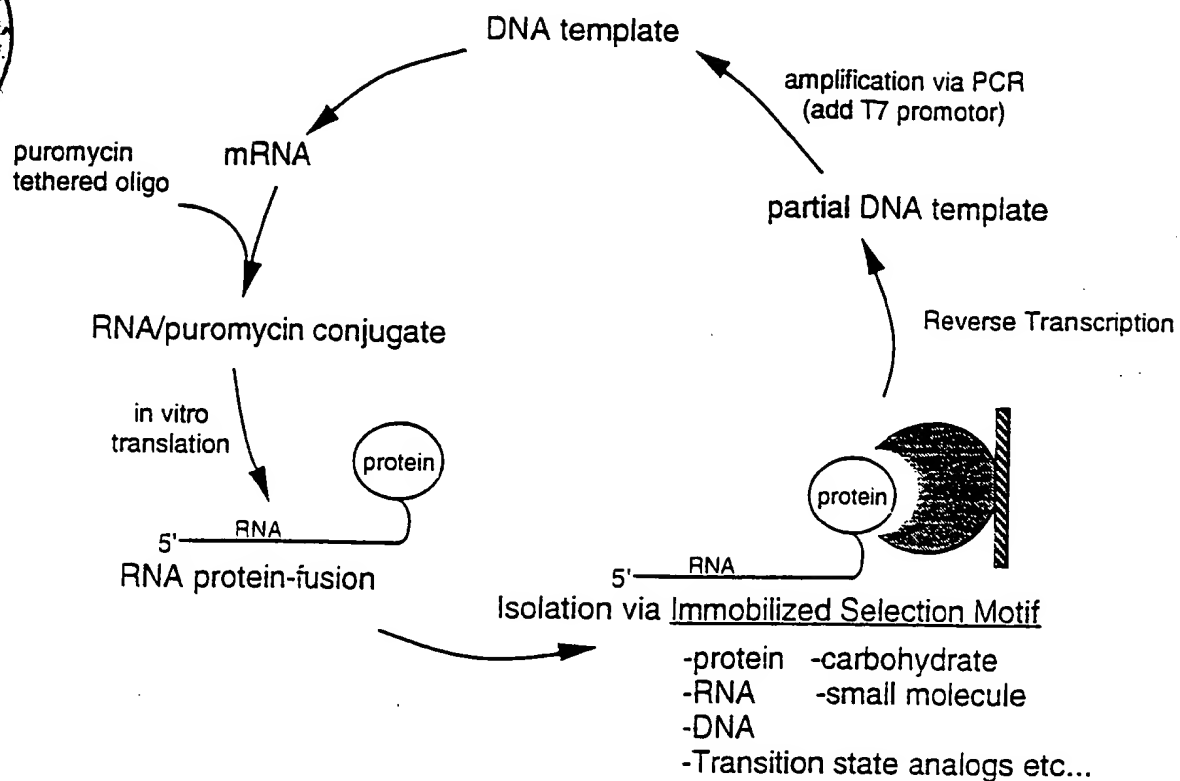
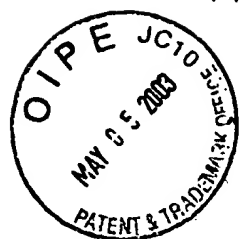


Figure 3.

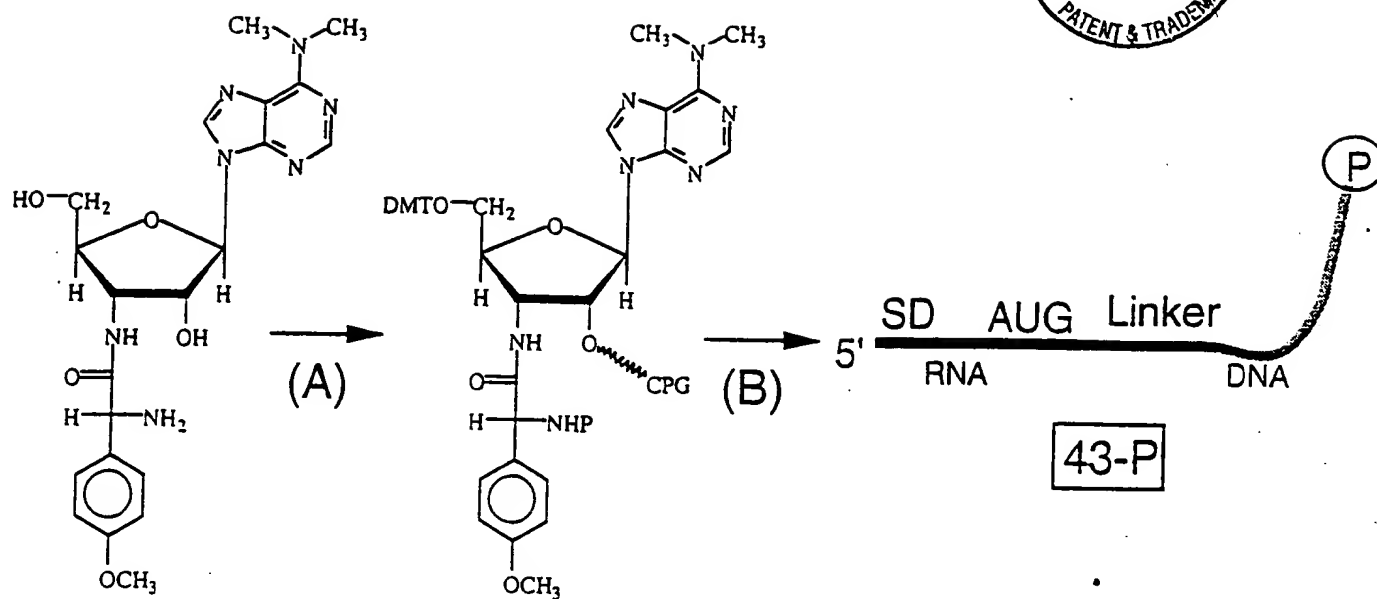
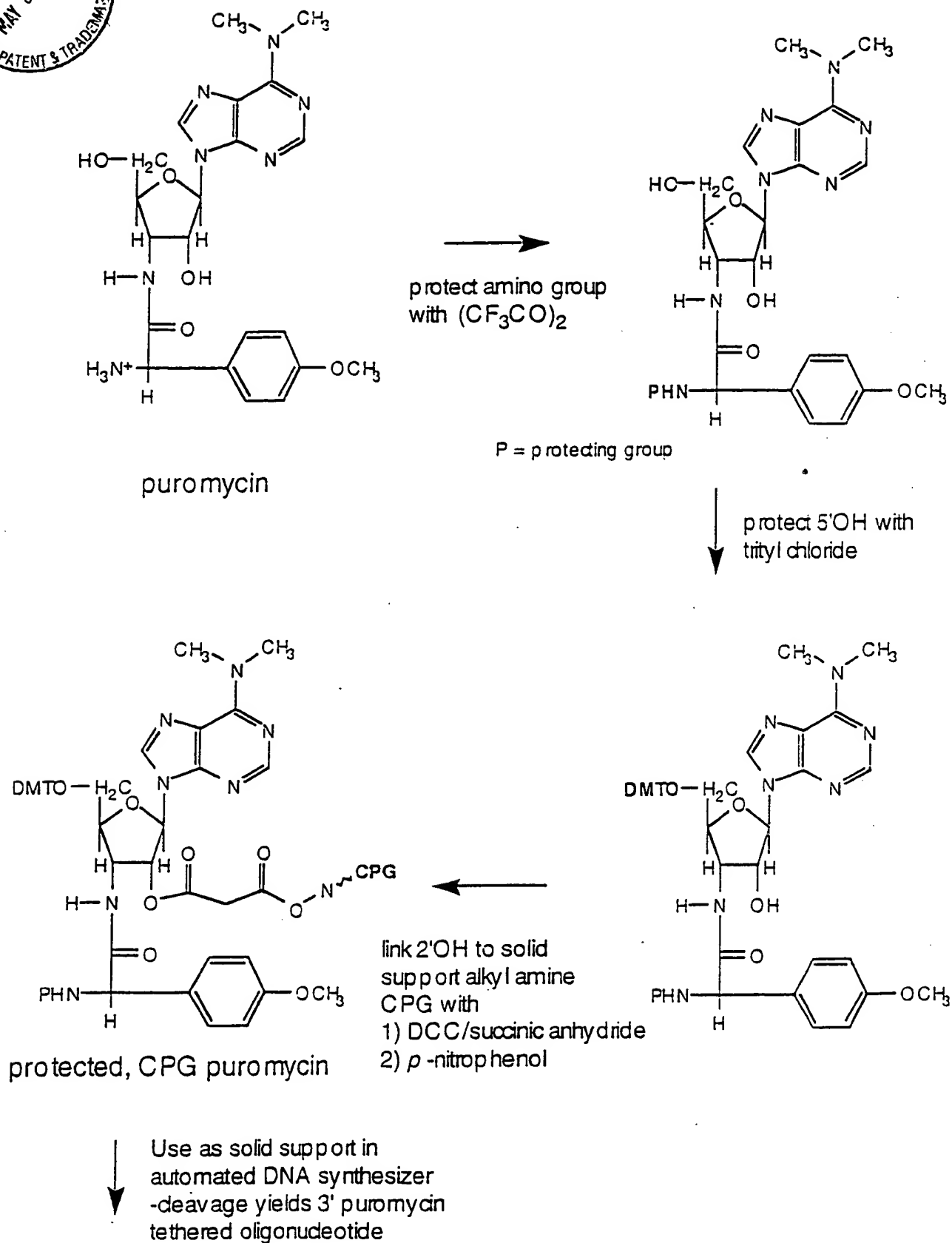


FIG. 4



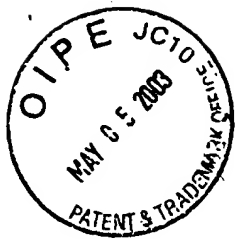
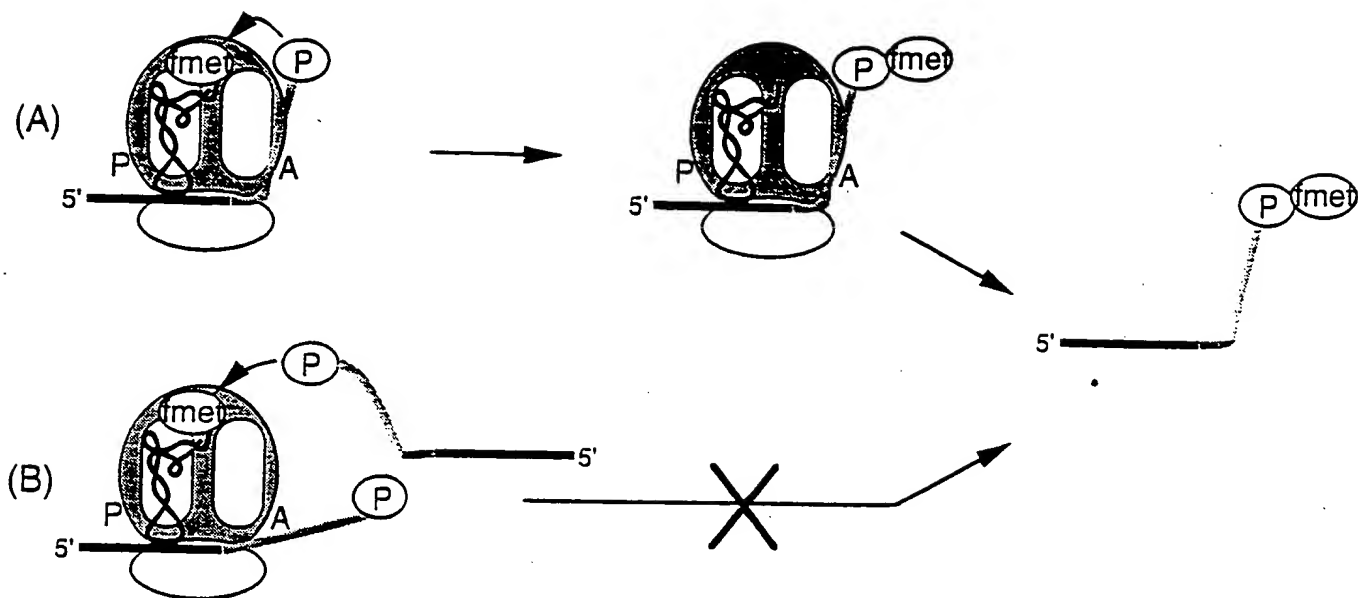
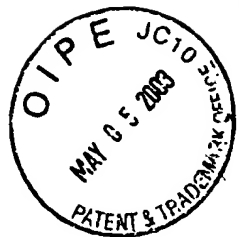


FIG. 5





Lane	1	2	3	4	5	6
Mg ²⁺ [mM]	32P	6	9	12	15	18

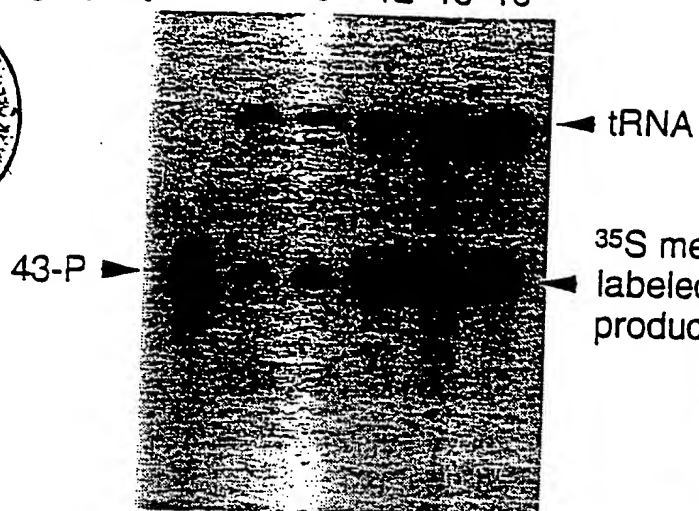


FIG. 6A

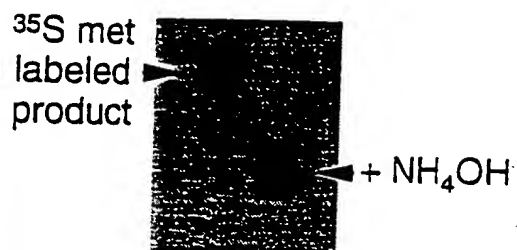


FIG. 6B

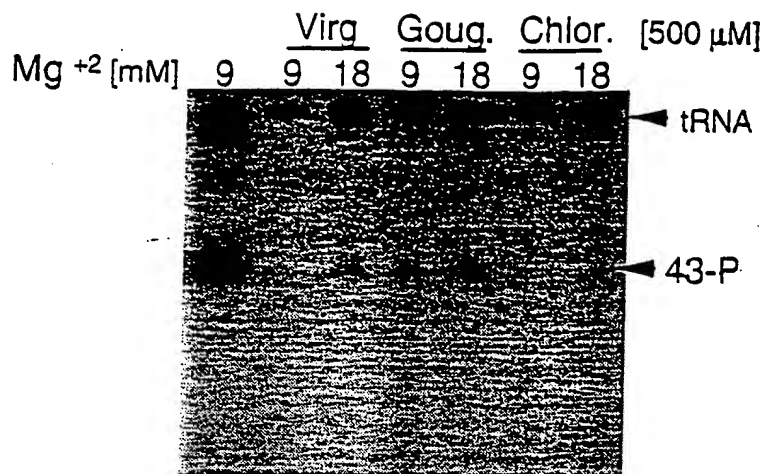
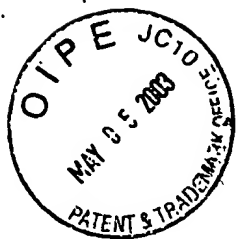


FIG. 6C

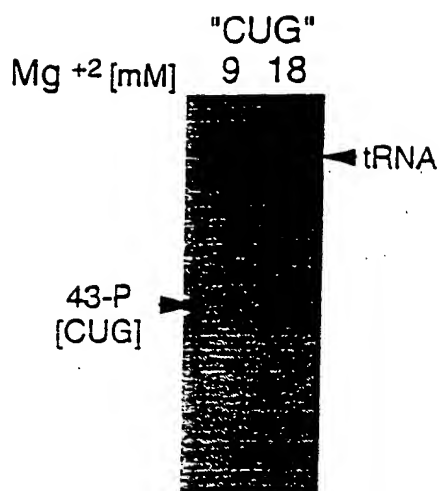
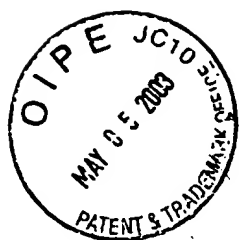


FIG. 6D



Linker (dA) _n	<u>n=27</u>	<u>n=24</u>	<u>n=21</u>	<u>n=18</u>
Mg ²⁺ [mM]	9 18	9 18	9 18	9 18

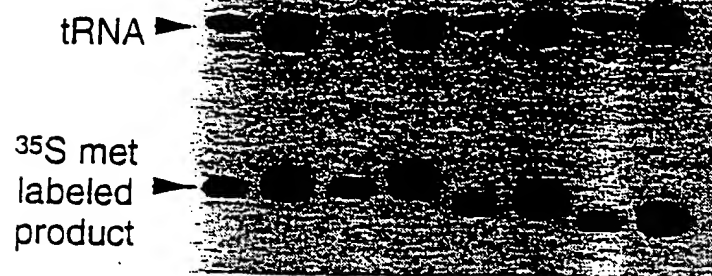


FIG. 6E

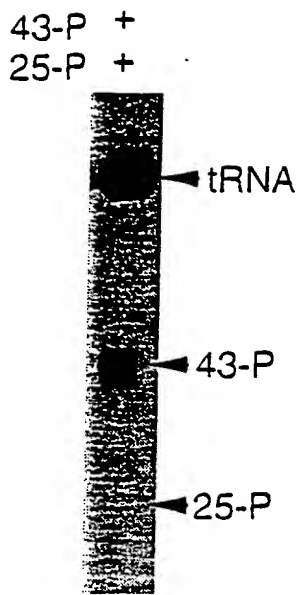


FIG. 6F

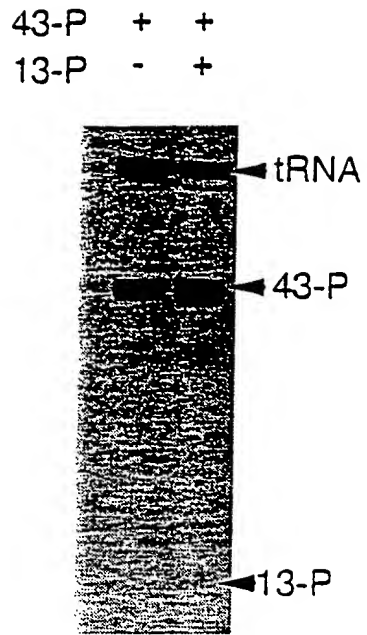


FIG. 6G

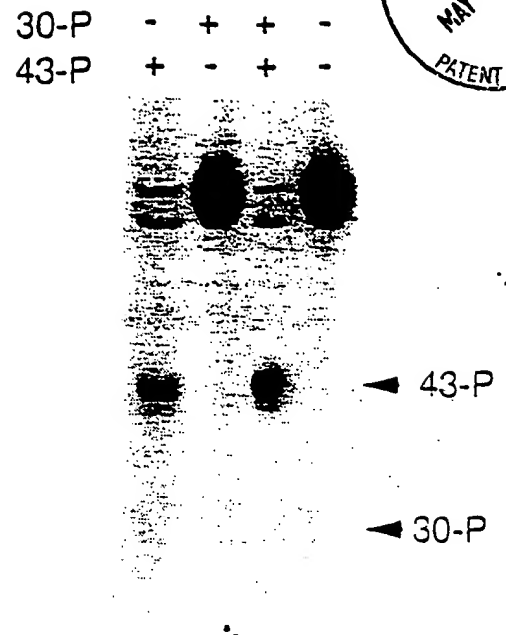
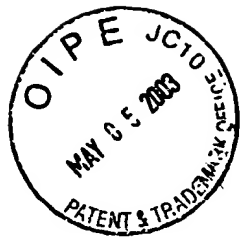


FIG. 6H



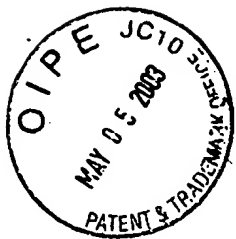
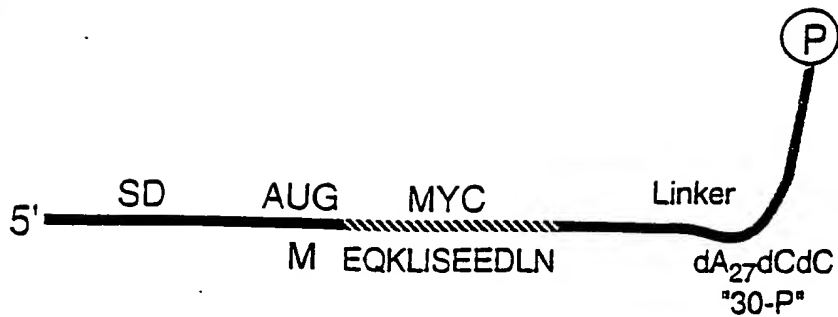
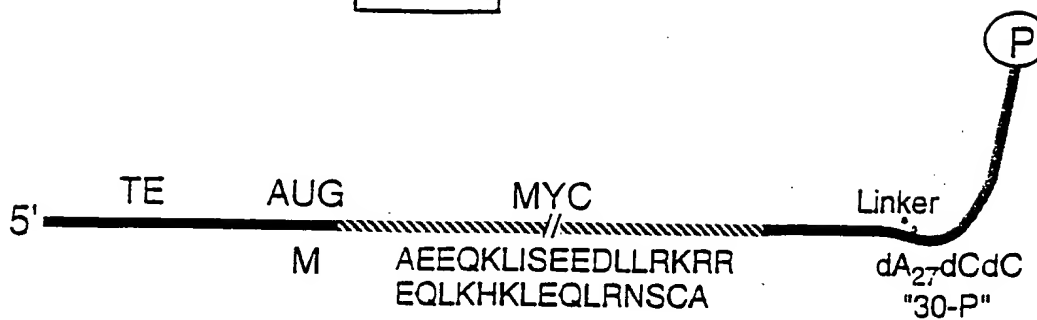


FIG. 7A



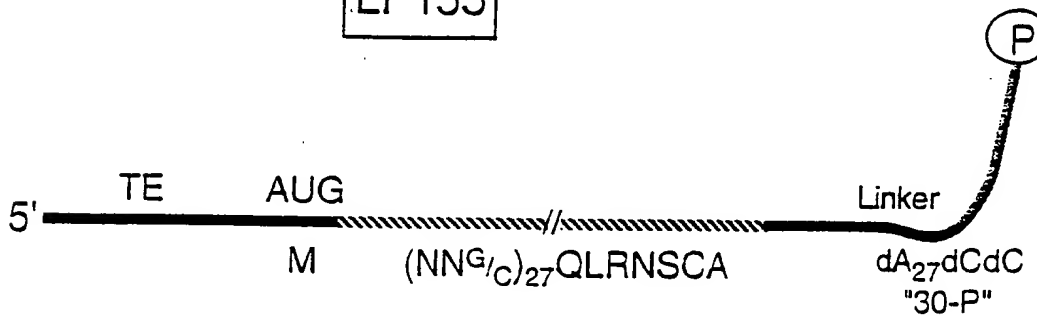
LP77

FIG. 7B



LP155

FIG. 7C



POOL #1

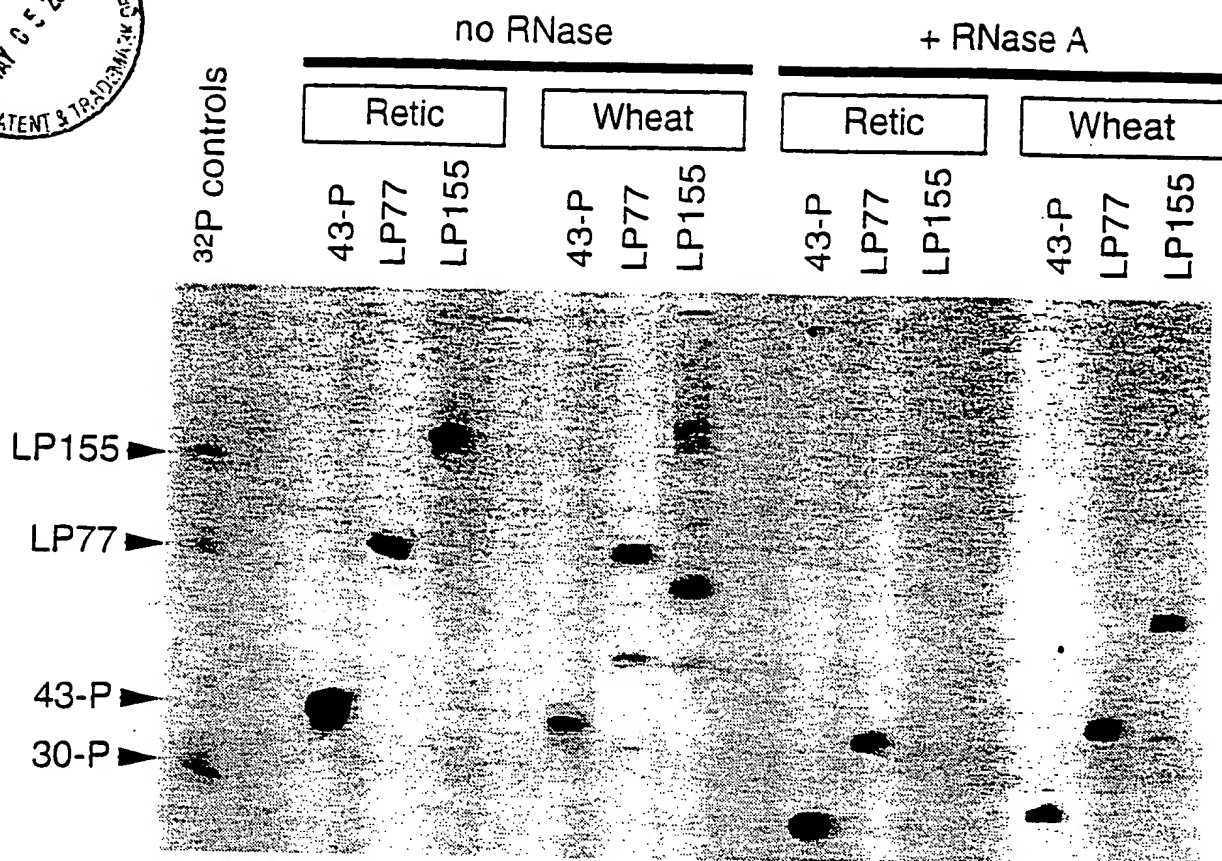
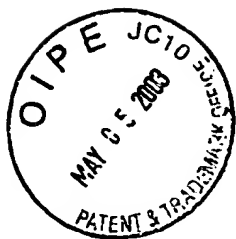


FIG. 8

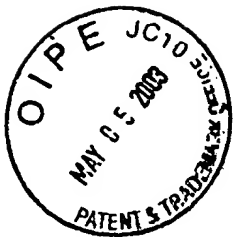
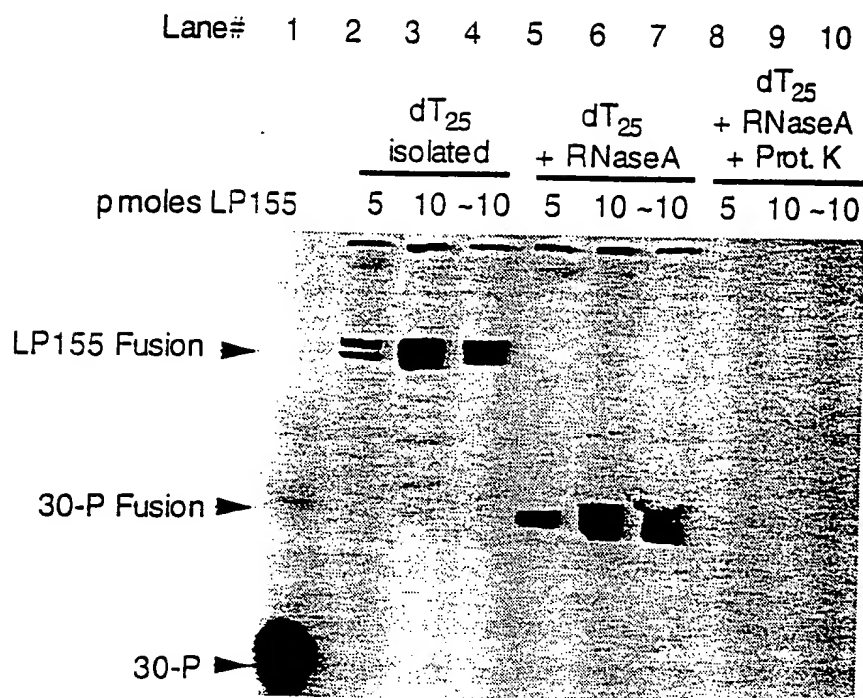


FIG. 9

Effects of RNase A and Proteinase K on fusion



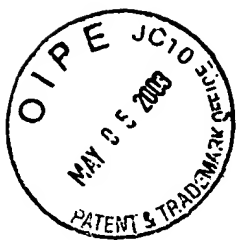
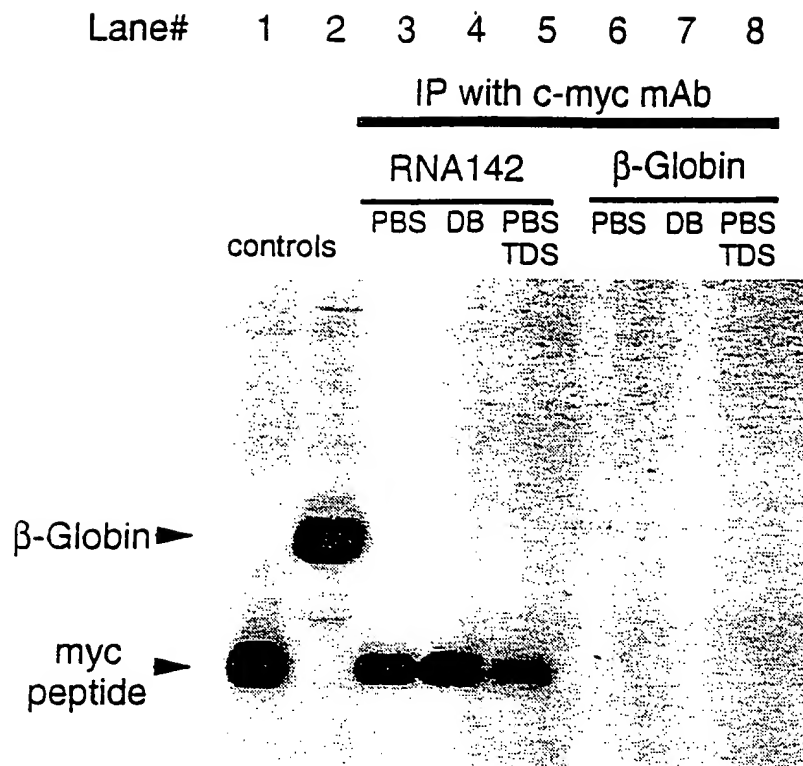


FIG. 10



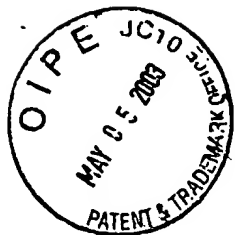


FIG. 11

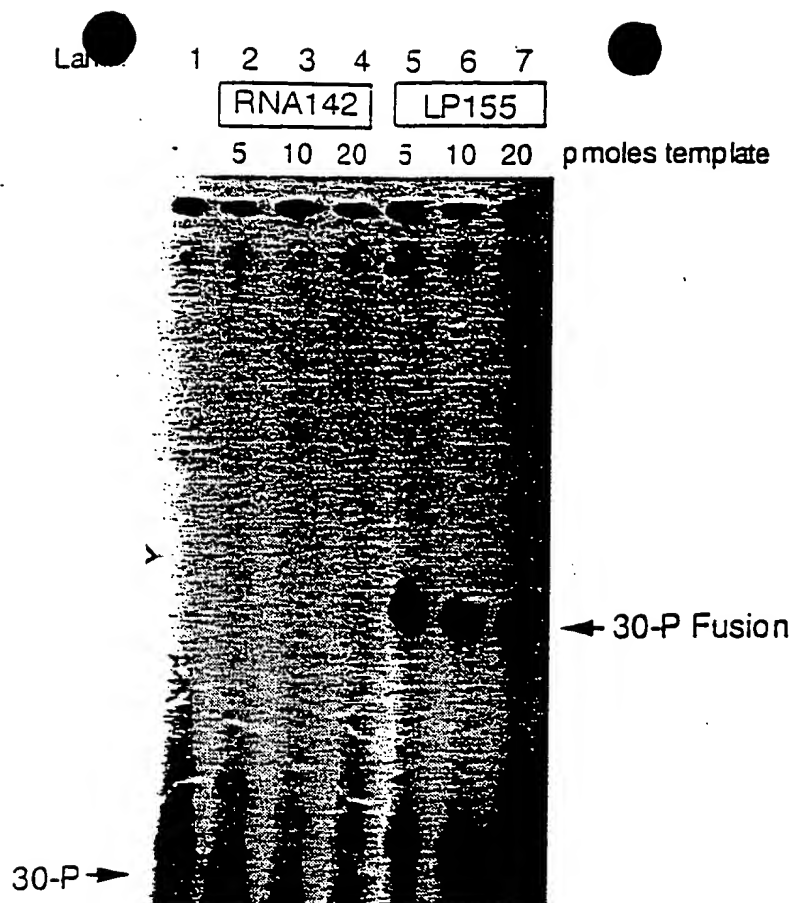
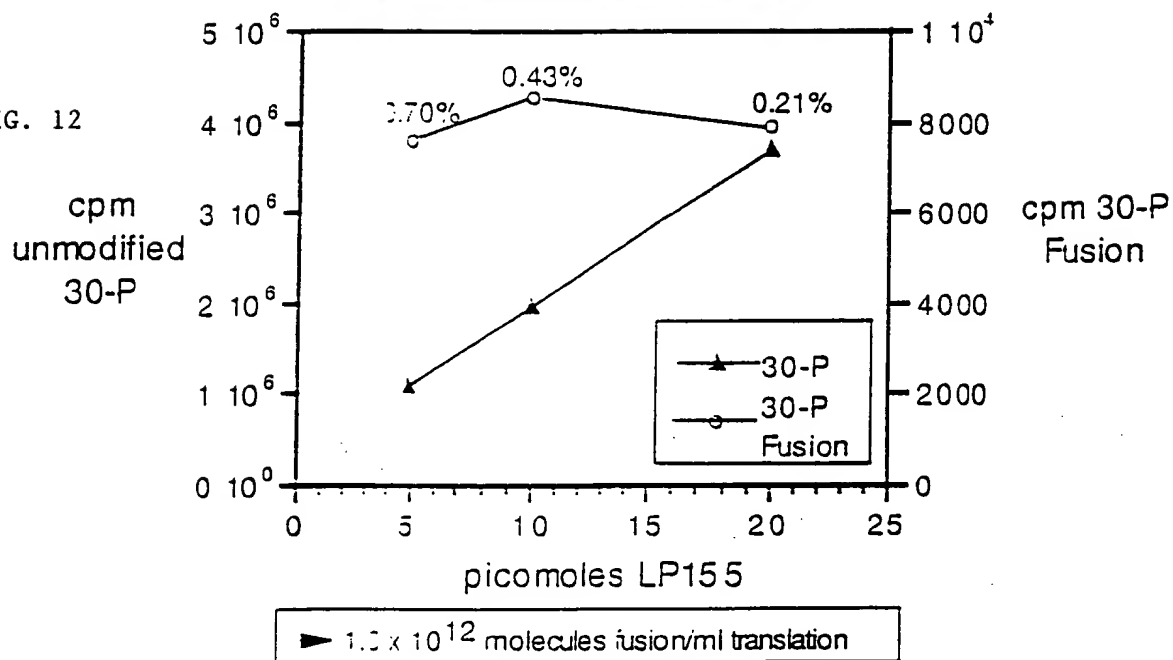


FIG. 12



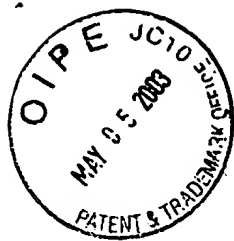


FIG. 13

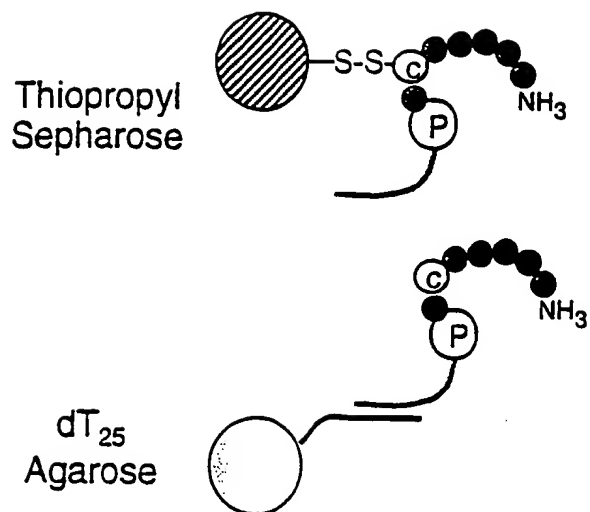


FIG. 14

